

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 (original): A method for moving a pickup head module to an initial position for use in

5 an optical disk drive without a touch sensor comprising the following step:

when power is provided to the optical disk drive, moving the pickup head module toward a spindle motor according to a gradually decreasing speed curve;

wherein the position where the pickup head stops is the initial position.

10 2 (currently amended): The method of claim 1 wherein ~~the maximum distance a~~
~~maximum distance~~ the pickup head is able to move according to the speed curve is a full stroke.

15 3 (original): A method for moving a pickup head module to an initial position for use in
an optical disk drive without a touch sensor comprising the following steps:

recording a present address of a disk corresponding to the pickup head module after seeking and accessing the disk;

calculating a return distance according to the present address and an initial address of the disk; and

20 moving the pickup head module for the return distance in the direction from an outer ring to an inner ring of the disk according to a gradually decreasing speed curve.

25 4 (original): The method of claim 3 wherein the pickup head module moves for the return distance when the disk is removed.

5 (original): A method for moving a pickup head module to an initial position for use in
an optical disk drive without a touch sensor comprising the following steps:

when power is provided to the optical disk drive, moving the pickup head module toward a spindle motor according to a gradually decreasing speed curve until the pickup head stops;

- 5 recording a present address of a disk corresponding to the pickup head module after seeking and accessing the disk;
- calculating a return distance according to the present address and the initial address of the disk; and
- moving the pickup head module for the return distance toward the spindle motor.

- 10 6 (currently amended): The method of claim 5 wherein ~~the maximum distance a maximum distance~~ the pickup head is able to move according to the speed curve is a full stroke.

- 15 7 (original): The method of claim 5 wherein the pickup head module moves for the return distance when the disk is removed.